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## ABSTRACT OF THE INVENTION

The present invention provides a low profile transformer  
5 including a bobbin and core structure. The bobbin further  
includes a primary coil, a secondary coil and a plurality of pins  
formed thereon. The core structure is coupled to the bobbin.  
In addition, the core structure includes an I-core and two U-  
cores coupled to each other. Alternatively, the I-core  
10 includes at least one recessed edge and the U-cores include at  
least one protrusive edge. The U-cores are coupled to the I-  
core by means of the recessed edge and the protrusive edge.

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